

GenCore version 5.1.5
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OM nucleic - nucleic search, using sw model

Run on: May 15, 2003, 02:44:34 ; Search time 196 Seconds
(without alignments)
5671.955 Million cell updates/sec

Title: US-09-804-472-1

Perfect score: 3625

Sequence: 1 gaccaccagttgcttcagcga.....aaaaaaaaaaaaaaaaaaaaa 3625

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 segs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_NA:*
1: /cgn2_6/prodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/prodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/prodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/prodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/prodata/2/ina/PCRTUS_COMB.seq:*
6: /cgn2_6/prodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	152.4	4.2	14507	3 US-08-785-150-1	Sequence 1, Appl1
2	152.4	4.2	14507	4 US-09-660-299-1	Sequence 1, Appl1
3	152.4	4.2	14507	4 US-09-435-377-1	Sequence 1, Appl1
4	109	3.0	144	1 US-08-702-344-26	Sequence 26, Appl
5	108.4	3.0	1447	4 US-09-443-041A-27	Sequence 27, Appl
6	108	3.0	2184	4 US-08-955-918C-1	Sequence 1, Appl1
7	108	3.0	2184	4 US-08-697-766A-1	Sequence 1, Appl1
8	107.4	3.0	1117	4 US-09-247-373B-33	Sequence 33, Appl
9	106.8	2.9	2634	4 US-09-463-238-3	Sequence 3, Appl1
10	106.6	2.9	1066	1 US-08-157-101A-4	Sequence 4, Appl1
11	106.4	2.9	240	1 US-08-628-417-6	Sequence 6, Appl1
12	106.4	2.9	2246	4 US-09-363-708-3	Sequence 3, Appl1
13	106.2	2.9	1872	4 US-09-801-052-1	Sequence 1, Appl1
14	106.2	2.9	3275	4 US-09-370-838-151	Sequence 151, App
15	106	2.9	2082	2 US-08-785-310A-2	Sequence 2, Appl
16	105.6	2.9	2674	4 US-09-817-180-1	Sequence 1, Appl1
17	105.2	2.9	1798	4 US-09-797-906-1	Sequence 1, Appl1
18	104.6	2.9	2447	2 US-09-014-869-14	Sequence 14, Appl
19	104	2.9	1733	3 US-09-073-569-1	Sequence 1, Appl1
20	103.6	2.9	1813	4 US-09-071-224-3	Sequence 3, Appl1
21	103.6	2.9	1882	4 US-09-370-253-1	Sequence 1, Appl1
22	102.6	2.8	2186	4 US-09-360-545-66	Sequence 66, Appl
23	101.4	2.8	2269	4 US-09-394-645-1	Sequence 1, Appl1
24	101.4	2.8	2269	4 US-09-243-560B-1	Sequence 1, Appl1
25	101	2.8	1051	4 US-09-245-041-10	Sequence 10, Appl
26	101	2.8	1454	4 US-09-372-422A-19	Sequence 19, Appl
27	100.8	2.8	1474	4 US-08-821-994-64	Sequence 64, Appl

28	100	2.8	111	4 US-09-297-535-23	Sequence 23, Appl
29	100	2.8	117	1 US-08-702-344-3	Sequence 3, Appl1
30	100	2.8	121	4 US-09-297-535-20	Sequence 20, Appl
31	100	2.8	6671	1 US-08-280-443-1	Sequence 1, Appl1
32	100	2.8	6671	1 US-08-457-459-1	Sequence 1, Appl1
33	100	2.8	6671	1 US-08-555-678-1	Sequence 1, Appl1
34	100	2.8	6671	5 PCT-US95-02275-1	Sequence 1, Appl1
35	100	2.8	9589	1 US-07-925-695-1	Sequence 1, Appl1
36	100	2.8	9589	1 US-07-925-695-2	Sequence 2, Appl1
37	99.2	2.7	140	1 US-08-628-417-5	Sequence 5, Appl1
38	98.8	2.7	578	4 US-09-602-877A-95	Sequence 95, Appl
39	97.8	2.7	2806	4 US-09-653-839-9	Sequence 9, Appl1
40	97	2.7	98	1 US-08-088-658-42	Sequence 42, Appl
41	97	2.7	98	2 US-08-471-907A-42	Sequence 42, Appl
42	96.8	2.7	790	4 US-09-363-970-4	Sequence 4, Appl1
43	95.8	2.6	2323	4 US-09-149-476-24	Sequence 24, Appl
44	94.2	2.6	1582	3 US-08-545-196B-10	Sequence 10, Appl
45	94.2	2.6	1582	3 US-08-545-196B-12	Sequence 12, Appl

ALIGNMENTS

RESULT 1
US-08-785-150-1
: Sequence 1, Application US/08785150
: Patent No. 6027915
: GENERAL INFORMATION:
: APPLICANT: Morris, Arvia E.
: APPLICANT: Lee, Chi-Chang
: APPLICANT: Thomas, James N.
: TITLE OF INVENTION: Expression Augmenting Sequence Elements
: Patent No. 6027915
: NUMBER OF SEQUENCES: 1
: CORRESPONDENCE ADDRESSES:
: ADDRESSEE: Immunex Corporation
: STREET: 51 University Street
: CITY: Seattle
: STATE: WA
: COUNTRY: USA
: ZIP: 98101
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: Apple Macintosh
: OPERATING SYSTEM: Apple Operating System Software 7.1
: SOFTWARE: Microsoft Word for Macintosh, Version 5.1a
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/785,150
: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/08/586,509
: FILING DATE: 11-JAN-96
: ATTORNEY/AGENT INFORMATION:
: NAME: Perkins, Patricia Anne
: REGISTRATION NUMBER: 34,693
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (206)587-0430
: TELEFAX: (206)233-0644
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 14507 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: No. 6027915 Relevant
: MOLECULE TYPE: DNA (genomic)
: HYPOTHETICAL: NO
: ANTI-SENSE: NO
: ORIGINAL SOURCE:
: ORGANISM: Chinese hamster
: IMMEDIATE SOURCE:
: CLONE: 2A5-3 lambda CHO sequence


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1 ADDRESS: LAHIVE & COCKFIELD, LLP
2 STREET: 28 State Street
3 CITY: Boston
4 STATE: Massachusetts
5 COUNTRY: USA
6 ZIP: 02109
7 COMPUTER READABLE FORM:
8 MEDIUM TYPE: Floppy disk
9 COMPUTER: IBM PC compatible
10 OPERATING SYSTEM: PC-DOS/MS-DOS
11 SOFTWARE: PatentIn Release #1.0, Version #1.25
12 CURRENT APPLICATION DATA:
13 APPLICATION NUMBER: US/08/697,766A
14 FILING DATE: 29-AUG-1996
15 PRIOR APPLICATION DATA:
16 APPLICATION NUMBER:
17 FILING DATE:
18 ATTORNEY/AGENT INFORMATION:
19 NAME: Silverl, Jean M.
20 REGISTRATION NUMBER: 39,030
21 REFERENCE/DOCKET NUMBER: NMI-007
22 TELECOMMUNICATION INFORMATION:
23 TELEPHONE: (617)227-7400
24 TELEFAX: (617)227-5941
25 INFORMATION FOR SEQ ID NO: 1:
26 SEQUENCE CHARACTERISTICS:
27 LENGTH: 2184 base pairs
28 TYPE: nucleic acid
29 STRANDEDNESS: single
30 TOPOLOGY: linear
31 MOLECULE TYPE: cDNA
32 FEATURE:
33 NAME/KEY: CDS
34 LOCATION: 569..1616
35 US-08-697-766A-1
36
37 Query Match 3.0%; Score 108; DB 4; Length 2184;
38 Best Local Similarity 79.7%; Pred. No.3.6e-13;
39 Matches 126; Conservative 1; Mismatches 31; Indels 0; Gaps 0;
40
41 QY 3468 ATGATTTACAGTGTCTGTTGACATAATTAAATAAATGCTGCTCTTGACAGTAAGA 3527
42 ||| |||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
43 Db 2017 ATGGGGGAGCGAGGGCCAGGCACCACATGCCCAATTAAGCCGTCCTTGCGMAAAAAA 2076
44
45 QY 3528 GAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 3587
46 ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
47 Db 2077 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2136
48
49 QY 3588 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 3625
50 ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
51 Db 2137 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2174
52
53 RESULT 8
54 US-09-247-373B-33
55 ; Sequence 33, Application US/09247373B
56 ; Patent No. 6168954
57 ; GENERAL INFORMATION:
58 ; APPLICANT: MCGONIGLE, BRIAN
59 ; APPLICANT: O'KEEFE, DANIEL
60 ; TITLE OF INVENTION: SOYBEAN GLUTATHIONE-S-TRANSFERASE ENZYMES
61 ; FILE REFERENCE: CL-1108-A
62 ; CURRENT APPLICATION NUMBER: US/09/247,373B
63 ; CURRENT FILING DATE: 1999-02-10
64 ; PRIOR APPLICATION NUMBER: 08/924,747
65 ; PRIOR FILING DATE: 1997-09-05
66 ; NUMBER OF SEQ ID NOS: 56
67 ; SOFTWARE: Microsoft Office 97
68 ; SEQ ID NO 33
69 ; LENGTH: 1117
70 ; TYPE: DNA
71 ; ORGANISM: SOYBEAN
72 ; FEATURE:

```



```

:
: NUMBER OF SEQUENCES: 7
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: U.S. ARMY CHEMICAL AND BIOLOGICAL
: ADDRESSEE: DEFENSE COMMAND
: STREET: OFFICE OF THE CHIEF COUNSEL (AMSCB-GC)
: CITY: ABERDEEN PROVING GROUND
: STATE: MARYLAND
: COUNTRY: USA
: ZIP: 21010-5423
:
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/628,417
: FILING DATE:
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: BIFFONT, ULYSES J
: REGISTRATION NUMBER: 39,908
: REFERENCE/DOCKET NUMBER: DAM 398-94
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 410-671-2534
: TELEFAX: 410-671-1158
: INFORMATION FOR SEQ ID NO: 6:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 240 bases
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: oligodeoxynucleotide
: HYPOTHETICAL: NO
: ANTI-SENSE: YES
:
: US-08-628-417-6
:
: Query Match
: Best Local Similarity 2.9%; Score 106.4; DB 1; Length 240;
: Matches 146; Conservativity 0; Mismatches 66; Indels 0; Gaps 0;
:
: QY 3414 TAGGATTAATGTCGCGGCTGTATGCAATTTCTATTCTTAAGTACACTACATGATGATA 3473
:   || ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
:   1 TAGGATTAAGACAACTTAAGCTTTAGAAATTAATTTTCTAATAAAAAA 60
:
: QY 3474 TACAAGTCTGCTGTGACATTAATAATGCTGCTGCTTGCAGATAAGAGAAAAA 3533
:   || || | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
:   61 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 120
:
: QY 3534 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 3593
:   ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
:   121 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 180
:
: QY 3594 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 3625
:   ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
:   181 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 212
:
: RESULT 12
: US-09-363-708-3
: Sequence 3: Application US/09363708
: Patent No. 6399747
: GENERAL INFORMATION:
: APPLICANT: Schmandt, et al.
: TITLE OF INVENTION: NOVEL SHC BINDING PROTEIN
: NUMBER OF SEQUENCES: 12
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
: STREET: 233 South Wacker Drive/6300 Sears Tower
: CITY: Chicago
: STATE: Illinois
: COUNTRY: United States of America
: ZIP: 60606-6402
: COMPUTER READABLE FORM:

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:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/363,708
: FILING DATE:
: CLASSIFICATION:
: ATTORNEY/AGENT INFORMATION:
: NAME: Clough, David W.
: REGISTRATION NUMBER: 36,107
: REFERENCE/DOCKET NUMBER: 01017/34451
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (312) 474-6300
: TELEFAX: (312) 474-0448
: INFORMATION FOR SEQ ID NO: 3:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 2246 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: DESCRIPTION: /desc = "mouse PAL cDNA"
:
: US-09-363-708-3
:
: Query Match
: Best Local Similarity 2.9%; Score 106.4; DB 4; Length 2246;
: Matches 116; Conservativity 0; Mismatches 16; Indels 0; Gaps 0;
:
: QY 3494 ATTAATTAATTAATGCTGCTGCTTGTGACAGTAAGAGAAAAA 3553
:   ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
:   2113 ATTAATTAATTAAGTGTGACCAAAAAA 2172
:
: QY 3554 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 3613
:   ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
:   2173 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2232
:
: QY 3614 AAAAAAAAAAAAAA 3625
:   ||||| | | | | |
:   2233 AAAAAAAAAAAAAA 2244
:
: RESULT 13
: US-09-801-052-1
: Sequence 1: Application US/09801052
: Patent No. 6368842
: GENERAL INFORMATION:
: APPLICANT: BEASLEY, Ellen
: TITLE OF INVENTION: ISOLATED HUMAN PHOSPHOLIPASE PROTEINS,
: TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN PHOSPHOLIPASE
: FILE REFERENCE: CL001045
: CURRENT APPLICATION NUMBER: US/09/801,052
: CURRENT FILING DATE: 2001-03-08
: NUMBER OF SEQ ID NOS: 5
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 1
: LENGTH: 1872
: TYPE: DNA
: ORGANISM: Human
:
: US-09-801-052-1
:
: Query Match
: Best Local Similarity 2.9%; Score 106.2; DB 4; Length 1872;
: Matches 114; Conservativity 0; Mismatches 13; Indels 0; Gaps 0;
:
: QY 3499 ATAAATGCTGCTGCTTGTGACAGTAAGAGAAAAA 3558
:   ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
:   1744 ATAAATGCTGCTGCTGCTGTAAGAAAAA 1803
:
: QY 3559 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 3618
:   ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
:   1804 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1863

```

OY 3619 AAAAAA 3625
|||||
Db 1864 AAAAAA 1870

RESULT 14

US-09-370-838-151
: Sequence 151, Application US/09370838
: Patent No. 6444425
: GENERAL INFORMATION:
: APPLICANT: Reed, Steven G.
: APPLICANT: Lodes, Michael J.
: APPLICANT: Mohamath, Roadoh
: APPLICANT: Secrist, Heather
: TITLE OF INVENTION: COMPOUNDS FOR THERAPY AND DIAGNOSIS OF
: TITLE OF INVENTION: LUNG CANCER AND METHODS FOR THEIR USE
: FILE REFERENCE: 210121.475C1
: CURRENT APPLICATION NUMBER: US/09/370,838
: EARLIER FILING DATE: 1999-08-09
: EARLIER APPLICATION NUMBER: US 09/285,323
: NUMBER OF SEQ ID NOS: 289
: SOFTWARE: FASTSEQ for Windows Version 3.0
: SEQ ID NO 151
: LENGTH: 3275
: TYPE: DNA
: ORGANISM: Homo sapien
US-09-370-838-151

Query Match 2.9%; Score 106.2; DB 4; Length 3275;
Best Local Similarity 83.9%; Pred. No. 9.2e-13;
Matches 120; Conservative 0; Mismatches 23; Indels 0; Gaps 0;

OY 3483 TGTGACATATTAATAAATGCTGCTTGACAGTAAGAGAAAAA 3542
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Db 3100 TGTGCTGCTCAATTAAGTACGCAAAAAA 3159
|||||

OY 3543 AAAAAA 3602
|||||

Db 3160 AAAAAA 3219
|||||

OY 3603 AAAAAA 3625
|||||

Db 3220 AAAAAA 3242
|||||

RESULT 15
US-08-785-310A-2

: Sequence 2, Application US/08785310A
: Patent No. 5840532
: GENERAL INFORMATION:
: APPLICANT: McKnight, Steven L.
: APPLICANT: Russell, David W.
: TITLE OF INVENTION: Neuronal PAS Domain Protein
: NUMBER OF SEQUENCES: 8
: CORRESPONDENCE ADDRESSES:
: ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
: STREET: 268 BUSH STREET, SUITE 3200
: CITY: SAN FRANCISCO
: STATE: CALIFORNIA
: COUNTRY: USA
: ZIP: 94104
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: IBM PC compatible
: SOFTWARE: Patent Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/785,310A
: FILING DATE: 21-JAN-1997
: CLASSIFICATION: 536
: ATTORNEY/AGENT INFORMATION:

NAME: OSMAN, RICHARD A
REGISTRATION NUMBER: 36,627
REFERENCE/DOCKET NUMBER: UTSD-1226
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 343-4341
TELEFAX: (415) 343-4342
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 2082 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-785-310A-2

Query Match

Best Local Similarity 91.8%; Score 106; DB 2; Length 2082;
Matches 112; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

OY 3504 ATGCTGCTGCTTTGACACTAAAGAGAAAAA 3563
|||||

Db 1948 ATGCTGCTGCTCAAAAAA 2007
|||||

OY 3564 AAAAAA 3623
|||||

Db 2008 AAAAAA 2067
|||||

OY 3624 AA 3625
||

Db 2068 AA 2069
||

Search completed: May 15, 2003, 06:51:26
Job time : 402 secs

